

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Apollo Technologies Spill Response - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Final Pollution report
Apollo Technologies Spill Response

Smyrna, GA

To: James Webster, USEPA R4 ERRPB
Jerry Campbell, GAEPD

From: Jason Booth, On-Scene Coordinator

Date: 9/13/2016

Reporting Period: 8/17/2016-09/13/2016

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: CERCLA	Response Type: Emergency
Response Lead: PRP	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 8/13/2016	Start Date: 8/13/2016
Demob Date: 8/19/2016	Completion Date: 9/14/2016
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Emergency Response - CERCLA

1.1.2 Site Description

Spill response to solvent material released into an unnamed tributary which feeds Lake Highland which feeds Nickajack Creek which feeds the Chattahoochee River in Smyrna, GA. The spilled solvent is miscible in water and has turned the water white.

1.1.2.1 Location

The source of the release is Apollo Technologies, 1850 South Cobb Industrial Blvd, Smyrna, GA. The impacted area is an unnamed tributary leading to Lake Highland which is a tributary of Nickajack Creek.

1.1.2.2 Description of Threat

On Saturday, August 13, OSC Booth was deployed to oversee the response to a 2,300 gallon spill of Aromatic 100 and Aromatic 200 (carburetor cleaner). This solvent is similar to mineral spirits and was released from an indoor storage tank owned by Apollo Technologies in Smyrna. The solvent entered a storm drain that led to an unnamed tributary which fed Lake Highland which is a tributary of Nickajack Creek. The released material is miscible in water and turned the water white in color. Residents living on the impacted tributary notified the media.

1.1.3 Preliminary Removal

Assessment/Removal Site Inspection Results

Apollo Technologies contracted with Environmental Alternatives to respond to the spill under the oversight of EPA, GAEPD, and Cobb County Hazmat. Cobb County DOT supplied soil for a temporary dam and collection point on the impacted unnamed tributary. The product contained naphtha and petroleum components so the response contractor conducted air monitoring for worker protection and resident safety.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On Saturday, August 13, OSC Booth was deployed to oversee the response to a 2,300 gallon spill of Aromatic 100 and Aromatic 200 (carburetor cleaner). This solvent is similar to mineral spirits and was released from an indoor storage tank owned by Apollo Technologies. Other than the building walls, there were no containment features surrounding the tank. The solvent entered a storm drain which led to an unnamed tributary which feeds Lake Highland and then Nickajack Creek. The release of the product turned the waters of the creek white. VOC vapors were emitted by the mixture in the creek.

2.1.2 Response Actions to Date

Crews continued to recover impacted water from the unnamed tributary. Additional dams were constructed upstream to minimize the amount of impacted water. Apollo has begun to transport the wastewater stored

on site to a wastewater treatment facility for disposal.

EPA and GAEPD continued to meet with neighbors along the impacted tributary and address any concerns they may have... Most concerns revolved around air quality and long term impacts from the release. Throughout the cleanup, Apollo collected and analyzed water and sediment samples from the tributary and at the downstream lake. Region 4's EPA Technical Support Services (TSS) reviewed the data for human health and environmental screening levels from data collected during the response.

EPA conducted its independent sampling survey on Sept 7, to assess water quality in the creek and confirm Apollo's findings that the levels were below or within EPA screening limits.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The potentially responsible party is Apollo Technologies, 1850 South Cobb Industrial Blvd, Smyrna, GA

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
naphtha, petroleum components	water	750,000 gals			

2.2 Planning Section

2.2.1 Anticipated Activities

The emergency response has been completed. The site has been transferred to the GA EPD for follow-up and any further action .

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

None

2.2.2 Issues

None

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

EPA, GAEPD, Apollo Technologies

3.2 Cooperating Agencies

4. Personnel On Site

OSC Jason Booth

State OSC Clete Barton

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Apollo Technologies Spill Response - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region IV

Subject: POLREP #2
 Progress Pollution Report
 Apollo Technologies Spill Response
 Smyrna, GA

To: James Webster, USEPA R4 ERRPB
 Jerry Campbell, GAEPD

From: Jason Booth, On-Scene Coordinator

Date: 8/19/2016

Reporting Period: 8/15/2016-8/17/2016

1. Introduction

1.1 Background

Site Number:	Contract Number:	
D.O. Number:	Action Memo Date:	
Response Authority: CERCLA	Response Type:	Emergency
Response Lead: PRP	Incident Category:	Removal Action
NPL Status: Non NPL	Operable Unit:	
Mobilization Date: 8/13/2016	Start Date:	8/13/2016
Demob Date:	Completion Date:	
CERCLIS ID:	RCRIS ID:	
ERNS No.:	State Notification:	
FPN#:	Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response - CERCLA

1.1.2 Site Description

Spill response to solvent material released into an unnamed tributary which feeds Lake Highland in Smyrna, GA.

1.1.2.1 Location

Apollo Technologies, 1850 South Cobb Industrial Blvd, Smyrna, GA

1.1.2.2 Description of Threat

On Saturday, August 13, OSC Booth was deployed to oversee the response to a 2,300 gallon spill of Aromatic 100 and Aromatic 200 (carburetor cleaner). This solvent is similar to mineral spirits and was released from an indoor storage tank owned by Apollo Technologies in Smyrna. The solvent entered a storm drain and entered an unnamed tributary which feeds Lake Highland and then Nickajack Creek. The

released material is miscible in water and white in color. Residents living on the impacted tributary notified the media.

1.1.3 Preliminary Removal

Assessment/Removal Site Inspection Results

Apollo Technologies contracted with Environmental Alternatives to respond to the spill under the oversight of EPA, GAEPD, and Cobb County Hazmat. Cobb County DOT supplied soil for a temporary dam and collection point on the impacted unnamed tributary. The product contained naphtha and petroleum components so the response contractor conducted air monitoring for worker protection and resident safety.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On Saturday, August 13, OSC Booth was deployed to oversee the response to a 2,300 gallon spill of Aromatic 100 and Aromatic 200 (carburetor cleaner). This solvent is similar to mineral spirits and was released from an indoor storage tank owned by Apollo Technologies in Smyrna. The solvent entered a storm drain and entered an unnamed tributary which feeds Lake Highland and then Nickajack Creek. The release of the product turned the waters white with VOC vapors emitted.

2.1.2 Response Actions to Date

Crews continued to recover impacted waters from the unnamed tributary. The dam was reinforced with more soil for possible potential rain events. Additional dams were placed upstream to minimize the amount of impacted water.

EPA and GAEPD met with many of the neighbors along the impacted tributary and responded to any concerns. Most concerns involved air quality and long term impacts from the release. Water and sediment samples have been collected and analyzed for constituents from released product. EPA Technical Support Services (TSS) started reviewing the data for human health and environmental screening levels.

EPA and Apollo conducted press releases on monday and tuesday afternoons with numerous video and print media. Media attention remains high.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Apollo Technologies

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
carb cleaner	water	400,000 gal			

2.2 Planning Section

2.2.1 Anticipated Activities

Continued oversight by EPA and GAEPD to insure adequate clean-up and notification of residents.
Transfer of site to state remediation.

2.2.1.1 Planned Response Activities

Removal of solvent from tributary and restoration of damaged creek bed areas.

2.2.1.2 Next Steps

Continued oversight of contractor and Apollo assets to verify adequate remediation.

2.2.2 Issues

Possible rain events that could wash out the collecting point dam and also increase total volume of impacted water.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

EPA, GAEPD, Apollo Technologies

3.2 Cooperating Agencies

4. Personnel On Site

OSC Jason Booth

State OSC Clete Barton

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Apollo Technologies Spill Response - Removal Polrep
 Initial Removal Polrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region IV**

Subject: POLREP #1
 Initial
 Apollo Technologies Spill Response
 Smyrna, GA

To: James Webster, USEPA R4 ERRPB
 Jerry Campbell, GAEPD

From: Jason Booth, On-Scene Coordinator

Date: 8/14/2016

Reporting Period: 08/13/2016 - 08/14/2016

1. Introduction

1.1 Background

Site Number:	Contract Number:	
D.O. Number:	Action Memo Date:	
Response Authority: CERCLA	Response Type:	Emergency
Response Lead: PRP	Incident Category:	Removal Action
NPL Status: Non NPL	Operable Unit:	
Mobilization Date: 8/13/2016	Start Date:	8/13/2016
Demob Date:	Completion Date:	
CERCLIS ID:	RCRIS ID:	
ERNS No.:	State Notification:	
FPN#:	Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response - CERCLA

1.1.2 Site Description

Spill response to solvent material released into an unnamed tributary which feeds Lake Highland in Smyrna, GA.

1.1.2.1 Location

Apollo Technologies, 1850 South Cobb Industrial Blvd, Smyrna, GA

1.1.2.2 Description of Threat

On Saturday, August 13, OSC Booth was deployed to oversee the response to a 2500-3000 gallon spill of Aromatic 100 and Aromatic 200 (carburetor cleaner). This solvent is similar to mineral spirits and was released from an indoor storage tank owned by Apollo Technologies in Smyrna. The solvent entered a

storm drain and entered an unnamed tributary which feeds Lake Highland and then Nickajack Creek. The released material is miscible in water and white in color. Residents living on the impacted tributary notified the media.

1.1.3 Preliminary Removal

Assessment/Removal Site Inspection Results

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2.1.2 Response Actions to Date

Apollo Technologies contracted with Environmental Alternatives to respond to the spill under the oversight of EPA, GAEPD, and Cobb County Hazmat. Cobb County DOT supplied soil for a temporary dam and collection point on the impacted unnamed tributary. The product contained naphtha and petroleum components so the response contractor conducted air monitoring for worker protection and resident safety.

On Sunday, August 14, 2016, OSC Booth returned again to oversee response activities and the deployment of frac tanks to recover product entrained in a collection point on the impacted tributary. OSC recommended the reinforcement of the dam at the collection point and increasing the recovery operations considering any potential rainfall events. GAEPD, working with Cobb County storm water personnel determined whether the spill was down stream of area drinking water intakes.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Apollo Technologies

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
carb cleaner	water	120,000 gal			

2.2 Planning Section

2.2.1 Anticipated Activities

Continued oversight by EPA and GAEPD to insure adequate clean-up and notification of residents.

2.2.1.1 Planned Response Activities

Removal of solvent from tributary and restoration of damaged creek bed areas.

2.2.1.2 Next Steps

Continued oversight of contractor and Apollo assets to verify adequate remediation.

2.2.2 Issues

Possible rain events that could wash out the collecting point dam and also increase total volume of impacted water.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

EPA, GAEPD, Apollo Technologies

3.2 Cooperating Agencies

4. Personnel On Site

OSC Jason Booth

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7. Situational Reference Materials

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